Author Index

Araki, T., Kiyama, H., Maeno, H. and Tohyama, M.

Differential immunocytochemical localization of GABA_A receptor γ_1 and γ_2 subunits in the rat brain (20) 263

Asmus, S.E. and Newman, S.W.

Tyrosine hydroxylase mRNA-containing neurons in the medial amygdaloid nucleus and the reticular nucleus of the thalamus in the Syrian hamster (20) 267

thalamus in the Syrian hamster (20) 267 Augood, S.J., Westmore, K., McKenna, P.J. and Emson, P.C.

Co-expression of dopamine transporter mRNA and tyrosine hydroxylase mRNA in ventral mesencephalic neurones (20) 328

Back, T., see Wießner, C. (20) 345
Baetge, E.E., see Inoue, H. (20) 299
Bakalkin, G.Ya., Yakovleva, T. and Terenius, L.

NF-κB-like factors in the murine brain. Developmentally-regulated and tissuespecific expression (20) 137

Banker, G., see Kleiman, R. (20) 305 Barraclough, C.A., see He, J.-R. (20) 71 Bonnekoh, P., see Wießner, C. (20) 345 Brannock, M.T., see Persico, A.M. (20) 91

Cagampang, F.R.A., see Yang, J. (20) 259 Caputo, C.B., see Lo, M.M.S. (20) 209 Caputo, C.B., see Sygowski, L.A. (20) 221 Chesselet, M.-F., see Nothias, F. (20) 245

Dargis, P.G., see Lo, M.M.S. (20) 209
Daunais, J.B., see Helton, T.E. (20) 285
Ding, D., Toth, M., Zhou, Y., Parks, C., Hoffman, B.J. and Shenk, T.
Glial cell-specific expression of the serotonin 2 receptor gene: selective reactivation of a repressed promoter (20) 181

Emson, P.C., see Augood, S.J. (20) 328

Fain, J.N., see Sallés, J. (20) 111
Fauquet, M., see Zurn, A.D. (20) 125
Federoff, H.J., see Lustig, R.H. (20) 101
Feng, P., see Satoh, T. (20) 353
Ferrell, S.T., see Gnegy, M.E. (20) 289
Fieles, A.W., see Lo, M.M.S. (20) 209
Fieles, A.W., see Sygowski, L.A. (20) 221
Furuyama, T., Inagaki, S. and Takagi, H.
Localizations of α1 and β1 subunits of soluble guanylate cyclase in the rat brain (20) 335

Gehrmann, J., see Wießner, C. (20) 345
Gnegy, M.E., Hong, P. and Ferrell, S.T.
Phosphorylation of neuromodulin in rat striatum after acute and repeated, intermittent amphetamine (20) 289
Goedert, M., see Lo, M.M.S. (20) 209
Grayson, D.R., see Marlier, L.N.J.-L. (20) 21

Gruss, P., see Neuman, T. (20) 199
Gulya, K., Orpana, A.K., Sikela, J.M. and
Hoffman, P.L.
Prodynorphin and vasopressin mRNA
levels are differentially affected by
chronic ethanol ingestion in the mouse
(20) 1

Hata, J.-i., see Matsuo, K. (20) 9
He, J.-R., Molnar, J. and Barraclough, C.A.
Morphine amplifies norepinephrine
(NE)-induced LH release but blocks
NE-stimulated increases in LHRH
mRNA levels: comparison of responses
obtained in ovariectomized, estrogentreated normal and androgen-sterilized
rats (20) 71

Helton, T.E., Daunais, J.B. and McGinty, J.F.
Convulsant doses of cocaine alter immediate early gene and opioid peptide expression in rat limbic forebrain (20) 285
Hersh, L.B., see Inoue, H. (20) 299
Hoffman, B.J., see Ding, D. (20) 181
Hoffman, P.L., see Gulya, K. (20) 1
Hong, P., see Gnegy, M.E. (20) 289
Hossmann, K.-A., see Wießner, C. (20) 345
Hua, P., see Lustig, R.H. (20) 101

Igwe, O.J.

Regulation of substance P receptor system in rat striatum by chronic naltrexone treatment (20) 40

Ikeshima, H., see Matsuo, K. (20) 9
Inagaki, S., see Furuyama, T. (20) 335
Inoue, H., Baetge, E.E. and Hersh, L.B.
Enhancer containing unusual GC box-like sequences on the human choline acetyl-transferase gene (20) 299

Inouye, S.-I.T., see Yang, J. (20) 259 Inturrisi, C.E., see Zhu, Y.-s. (20) 118

Jacobowitz, D.M., see Strauss, K.I. (20) 229
Jayaraman, A., see Pang, Y. (20) 162
Jomary, C., Murphy, B.F., Neal, M.J. and Jones, S.E.
Abnormal distribution of retinal clusterin

in retinitis pigmentosa (20) 274

Jomary, C., Neal, M.J. and Jones, S.E.

Comparison of clusterin gene expression in normal and dystrophic human retinas (20) 279

Jones, S.E., see Jomary, C. (20) 274 Jones, S.E., see Jomary, C. (20) 279

Katsumata, S., see Yabuuchi, K. (20) 153
Kiba, H., see Pang, Y. (20) 162
Kinney, W. and Routtenberg, A.
Brief exposure to a novel environment enhances binding of hippocampal transcription factors to their DNA recognition elements (20) 147

Kitamoto, T., see Ohgami, T. (20) 240 Kiyama, H., see Araki, T. (20) 263 Kleiman, R., Banker, G. and Steward, O. Subcellular distribution of rRNA and poly(A) RNA in hippocampal neurons in culture (20) 305

Kohno, K., see Zurn, A.D. (20) 125 Kohno, K., see Wießner, C. (20) 345 Kondo, H., see Sakagami, H. (20) 51

Kumar, K., Savithiry, S. and Madhukar, B.V. Comparison of α-tubulin mRNA and heat shock protein-70 mRNA in gerbil brain following 10 min of ischemia (20) 130

Kusiak, J.W. and Norton, D.D. A splice variant of the N-methyl-Daspartate (NMDAR1) receptor (20) 64

Lanius, R.A., Pasqualotto, B.A. and Shaw, C.A.

γ-Aminobutyric acid_A receptor regulation by a chloride-dependent kinase and a sodium-dependent phosphatase (20) 192

Lee, V.M.-Y., see Lo, M.M.S. (20) 209 Lisciotto, C.A. and Morrell, J.I. Circulating gonadal steroid hormones regulate estrogen receptor mRNA in the male rat forebrain (20) 79

Lo, M.M.S., Fieles, A.W., Norris, T.E., Dargis, P.G., Caputo, C.B., Scott, C.W., Lee, V.M.-Y. and Goedert, M. Human tau isoforms confer distinct morphological and functional properties to stably transfected fibroblasts (20) 209

Lo, M.M.S., see Sygowski, L.A. (20) 221 Lustig, R.H., Hua, P., Wilson, M.C. and Federoff, H.J. Ontogeny, sex dimorphism, and neonatal sex hormone determination of synapseassociated messenger RNAs in rat brain (20) 101

Madhukar, B.V., see Kumar, K. (20) 130
Maejima, K., see Matsuo, K. (20) 9
Maeno, H., see Araki, T. (20) 263
Marlier, L.N.J.-L., Zheng, T., Tang, J. and Grayson, D.R.
Regional distribution in the rat central nervous system of a mRNA encoding a portion of the cardiac sodium/calcium exchanger isolated from cerebellar gran-

ule neurons (20) 21

Matsuo, K., Ikeshima, H., Shimoda, K., Umezawa, A., Hata, J.-i., Maejima, K., Nojima, H. and Takano, T. Expression of the rat calmodulin gene II in the central nervous system: a 294-base promoter and 68-base leader segment mediates neuron-specific gene expression in transgenic mice (20) 9

McGinty, J.F., see Helton, T.E. (20) 285

McKenna, P.J., see Augood, S.J. (20) 328
Metsis, M., see Neuman, T. (20) 199
Minami, M., see Yabuuchi, K. (20) 153
Molnar, J., see He, J.-R. (20) 71
Morrell, J.I., see Lisciotto, C.A. (20) 79
Mower, G.D. and Rosen, K.M.
Developmental and environmental
changes in GAP-43 gene expression in
cat visual cortex (20) 254
Murphy, B.F., see Jomary, C. (20) 274

Nakashima, T., see Nakayama, H. (20) 171 Nakayama, H., Okuda, H. and Nakashima, Phosphorylation of rat brain nicotinic acetylcholine receptor by cAMP-dependent protein kinase in vitro (20) 171 Nakayama, Y., see Yang, J. (20) 259 Neal, M.J., see Jomary, C. (20) 274 Neal, M.J., see Jomary, C. (20) 279 Neuman, T., Metsis, M., Persson, H. and Gruss, P. Cell type-specific negative regulatory element in low-affinity nerve growth factor receptor gene (20) 199 Newman, S.W., see Asmus, S.E. (20) 267 Nojima, H., see Matsuo, K. (20) 9 Norris, T.E., see Lo, M.M.S. (20) 209 Norton, D.D., see Kusiak, J.W. (20) 64 Nothias, F., Salin, P., Peschanski, M. and Chesselet, M.-F. Glutamic acid decarboxylase gene expression in thalamic reticular neurons transplanted as a cell suspension in the adult thalamus (20) 245

O'Hara, B.F., see Persico, A.M. (20) 91
Ohgami, T., Kitamoto, T. and Tateishi, J.
Alzheimer's amyloid precursor protein
mRNA without exon 15 is ubiquitously
expressed except in the rat central nervous system (20) 240
Okuda, H., see Nakayama, H. (20) 171
Orpana, A.K., see Gulya, K. (20) 1

Pang, Y., Kiba, H. and Jayaraman, A.
Acute nicotine injections induce c-fos mostly in non-dopaminergic neurons of the midbrain of the rat (20) 162
Parks, C., see Ding, D. (20) 181
Pasqualotto, B.A., see Lanius, R.A. (20) 192

Persico, A.M., Schindler, C.W., O'Hara, B.F., Brannock, M.T. and Uhl, G.R. Brain transcription factor expression: effects of acute and chronic amphetamine and injection stress (20) 91

Persson, H., see Neuman, T. (20) 199

Peschanski, M., see Nothias, F. (20) 245

Rosen, K.M., see Mower, G.D. (20) 254 Routtenberg, A., see Kinney, W. (20) 147

Sakagami, H. and Kondo, H.
 Differential expression of mRNAs encoding γ and δ subunits of Ca²⁺/calmodulin-dependent protein kinase type II (CaM kinase II) in the mature and postnatally developing rat brain (20) 51
 Salin P. see Nothias E (20) 245

Salin, P., see Nothias, F. (20) 245
Sallés, J., Wallace, M.A. and Fain, J.N.
Modulation of the phospholipase C activity in rat brain cortical membranes by simultaneous activation of distinct monoaminergic and cholinergic muscarinic receptors (20) 111

Satoh, M., see Yabuuchi, K. (20) 153 Satoh, T., Feng, P. and Wilber, J.F. A truncated isoform of the thyrotropinreleasing hormone receptor is expressed in the rat central nervous system as well as in the pituitary gland (20) 353 Savithiry, S., see Kumar, K. (20) 130 Schindler, C.W., see Persico, A.M. (20) 91 Scott, C.W., see Lo, M.M.S. (20) 209 Scott, C.W., see Sygowski, L.A. (20) 221 Shaw, C.A., see Lanius, R.A. (20) 192 Shaw, P., see Zurn, A.D. (20) 125 Shenk, T., see Ding, D. (20) 181 Shimoda, K., see Matsuo, K. (20) 9 Sikela, J.M., see Gulya, K. (20) 1 Steward, O., see Kleiman, R. (20) 305 Strauss, K.I. and Jacobowitz, D.M. Quantitative measurement of calretinin and \(\beta\)-actin mRNAIN rat brain micropunches without prior isolation of RNA (20) 229

Sygowski, L.A., Fieles, A.W., Lo, M.M.S., Scott, C.W. and Caputo, C.B. Phosphorylation of tau protein in tautransfected 3T3 cells (20) 221 Takagi, H., see Furuyama, T. (20) 335
Takano, T., see Matsuo, K. (20) 9
Tang, J., see Marlier, L.N.J.-L. (20) 21
Tateishi, J., see Ohgami, T. (20) 240
Terenius, L., see Bakalkin, G.Ya. (20) 137
Tohyama, M., see Araki, T. (20) 263
Toth, M., see Ding, D. (20) 181

Uhl, G.R., see Persico, A.M. (20) 91 Umezawa, A., see Matsuo, K. (20) 9

Wallace, M.A., see Sallés, J. (20) 111
Weaver, D.R.

A_{2a} adenosine receptor gene expression in developing rat brain (20) 313
Westmore, K., see Augood, S.J. (20) 328
Wießner, C., Back, T., Bonnekoh, P., Kohno, K., Gehrmann, J. and Hossmann, K.-A. Sulfated glycoprotein-2 mRNA in the rat brain following transient forebrain ischemia (20) 345
Wilber, J.F., see Satoh, T. (20) 353
Wilson, M.C., see Lustig, R.H. (20) 101

Yabuuchi, K., Minami, M., Katsumata, S. and Satoh, M.
In situ hybridization study of interleukin-1β mRNA induced by kainic acid in the rat brain (20) 153
Yakovleva, T., see Bakalkin, G.Ya. (20) 137
Yang, J., Cagampang, F.R.A., Nakayama, Y. and Inouye, S.-I.T.
Vasoactive intestinal polypeptide precursor mRNA exhibits diurnal variation in the rat suprachiasmatic nuclei (20) 259

Zheng, T., see Marlier, L.N.J.-L. (20) 21
Zhou, Y., see Ding, D. (20) 181
Zhu, Y.-s. and Inturrisi, C.E.
Metrazole induction of c-fos and proenkephalin gene expression in the rat adrenal and hippocampus: pharmacological characterization (20) 118
Zurn, A.D., Fauquet, M., Shaw, P. and

Kocher, J.

The neuropeptide VIP regulates the expression of the tyrosine hydroxylase gene in cultured avian sympathetic neurons (20) 125